

Online Supplement 1

Learning objectives for the scenarios utilised in the Simulation Based Education

Scenario one:

To recognise the acutely unwell patient and through systematic assessment be able to clinically reason an appropriate treatment plan, that may be not to treat the patient
To be able to implement and demonstrate a systematic assessment approach and then utilise their findings to clinically reason a problem list and treatment plan
To be able to communicate effectively with the MDT to explain their clinical reasoning and their treatment plan
To feel confident in their decision making in the critical care environment

Scenario two

To be able to communicate with the MDT (especially medics) when they have concerns or are unclear about a patients treatment plan
To be able to demonstrate care and compassion to a patient at end of life
Able to utilise the SBAR approach to communication
To be able to implement and demonstrate a systematic assessment approach and then utilise their findings to clinically reason a problem list and treatment plan

Scenario three:

To utilise crisis resource management techniques to manage the emergency situation
Able to demonstrate appropriate use of the PACE approach to difficult communication situations (anxious parent)
To be able to apply knowledge of paediatric physiology and normal values to a clinical scenario

Scenario Four:

To utilise crisis resource management techniques to manage the emergency situation
To be able to identify an occluded airway
To demonstrate appropriate tracheostomy management techniques

Scenario five:

To be able to implement and demonstrate a systematic assessment approach and then utilise their findings to clinically reason a problem list and treatment plan
To be able to determine differential diagnosis and clinically reason the most likely diagnosis.

Scenario six:

Demonstrate effective communication skills to make use of other members of the MDT when treating patients
To demonstrate effective use of crisis resource management techniques in a crisis situation

Scenario seven:

To be able to implement and demonstrate a systematic assessment approach and then utilise their findings to clinically reason a problem list and treatment plan
Able to demonstrate SBAR techniques for communicating with MDT
To be able to demonstrate a knowledge of autonomic dysreflexia and aware of the necessary action to take

Scenario eight:

Able to demonstrate appropriate use of the PACE approach to difficult communication situations
To be able to demonstrate care and compassion to a patient at end of life
Able to utilise the SBAR approach to communication